1620 Res 3 6 4 - - 3 5 6 7 2005

ABSTRACT

The present invention discloses a pipe structure fixing device, which can easily and rapidly fix and remove a pipe. The pipe structure- fixing device includes: a body (20) having a stopping part (21) formed on the lower portion of the inside thereof for stopping the pipe (10) inserted into the body (20), an extended portion extended partially upwardly from the stopping part (21) toward an upper end of the body (20) for supporting the pipe (10) and closely contacting the outer peripheral surface of the pipe (10), a 10 tapered part (22) having an inner hollow portion and a diameter gradually narrowed toward the upper end of the body, and an inlet (23) formed in such a manner to be bent at an end of the tapered part (22) in a " " form for inserting the pipe (10) fixing chips (24) mounted in the 15 inner hollow portion of the tapered part (22) of the body (20) and formed in such a manner that the upper portion thereof is narrower and the lower portion thereof is wider to correspond to the shape of the tapered part, the fixing chip (24) having at least one bolt hole (26) formed 20 vertically therein; and bolts (25) perforating the inlet side of the body (20) and inserted into the bolt hole (26) of the fixing chip (24), the fixing chips serving as wedges in such a manner that the fixing chips (24) are interposed between the tapered part (22) of the body (20) and the pipe 25 (10) when the bolts are tightened.